



US00D989667S

(12) **United States Design Patent**  
**Choi et al.**

(10) **Patent No.:** **US D989,667 S**

(45) **Date of Patent:** **\*\* Jun. 20, 2023**

(54) **VEHICLE GRILLE**

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(\*\*) Term: **15 Years**

(21) Appl. No.: **29/819,032**

(22) Filed: **Dec. 13, 2021**

(51) **LOC (14) Cl.** ..... **12-16**

(52) **U.S. Cl.**  
USPC ..... **D12/163**

(58) **Field of Classification Search**  
USPC ..... D12/169, 196, 86, 90-92, 163, 190, 98,  
D12/164; 293/102, 113, 115, 117, 120,  
293/193.11; 296/180.1, 180.2; 180/68.1,  
180/68.6  
CPC ..... B60R 19/52; B60K 11/08; B62D 25/08;  
B62B 9/16

See application file for complete search history.

D727,222 S 4/2015 Jamieson  
D730,783 S 6/2015 Henriques et al.  
D730,786 S 6/2015 Duff et al.  
D738,797 S 9/2015 Kavaja  
D742,796 S 11/2015 Loeb  
D746,726 S 1/2016 Smith et al.  
D746,727 S 1/2016 Smith et al.  
D746,728 S 1/2016 Smith et al.  
D746,729 S 1/2016 Boniface et al.  
D746,730 S 1/2016 Kim et al.  
D754,571 S 4/2016 Boniface et al.  
D754,572 S 4/2016 McMahan et al.  
D755,088 S 5/2016 McMahan et al.  
D771,528 S 11/2016 Smith et al.  
D771,529 S 11/2016 Thole et al.  
D775,003 S 12/2016 Pevovar et al.  
D775,554 S 1/2017 Kapitonov  
D776,020 S 1/2017 Kapitonov  
D780,644 S 3/2017 Kim et al.  
D782,943 S 4/2017 Kavaja  
D782,944 S 4/2017 Pevovar et al.  
D784,213 S 4/2017 Karras

(Continued)

Primary Examiner — Melody N Brown

(57) **CLAIM**

The ornamental design for a vehicle grille, as shown and described.

**DESCRIPTION**

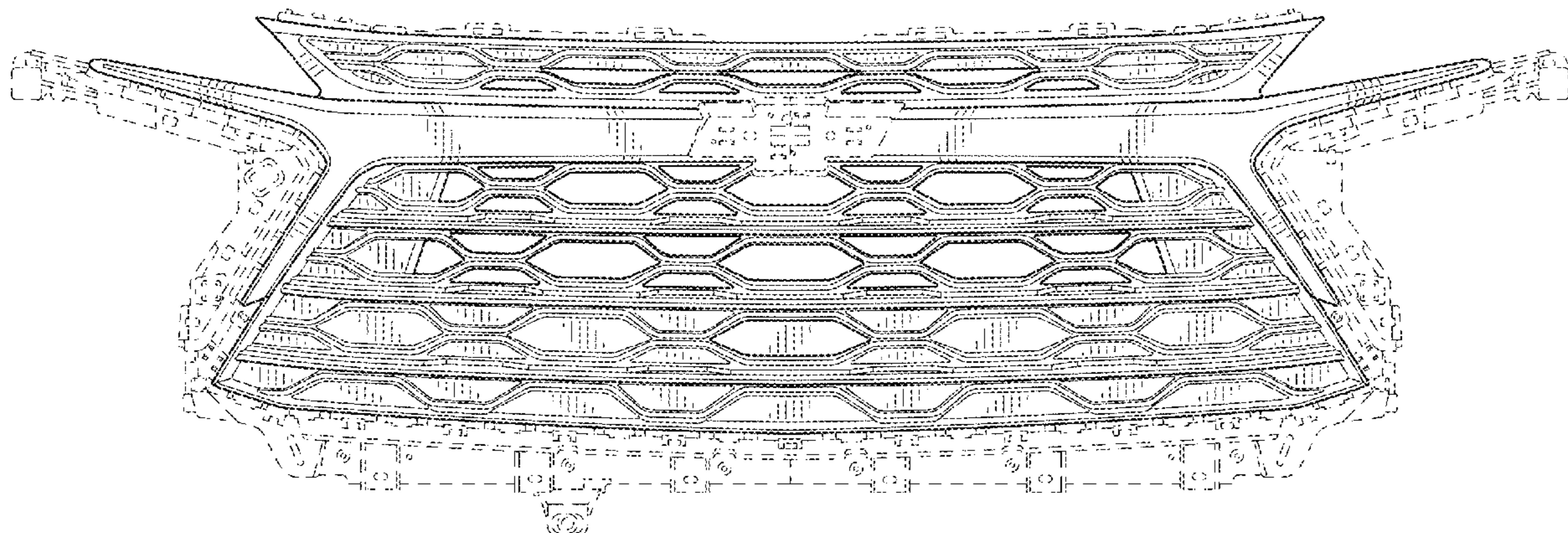
FIG. 1 is a front and left side perspective view of a vehicle grille showing our new design;  
FIG. 2 is a front elevation view thereof;  
FIG. 3 is a left side elevation view thereof;  
FIG. 4 is a right side elevation view thereof;  
FIG. 5 is a top plan view thereof;  
FIG. 6 is a rear elevation view thereof; and,  
FIG. 7 is a bottom plan view thereof.  
The broken lines in the drawings depict portions of the vehicle grille that form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**

(56) **References Cited**

U.S. PATENT DOCUMENTS

D679,225 S 4/2013 Gifford  
D683,668 S 6/2013 Thurber  
D686,116 S 7/2013 Karras et al.  
D708,555 S 7/2014 Mackay  
D712,316 S 9/2014 O'Donnell et al.  
D716,706 S 11/2014 Thole et al.  
D718,673 S 12/2014 Thole et al.  
D720,262 S 12/2014 Won  
D720,263 S 12/2014 Pevovar et al.  
D721,019 S 1/2015 Pevovar et al.  
D726,601 S 4/2015 Duff et al.



(56)

## References Cited

## U.S. PATENT DOCUMENTS

D786,145 S	5/2017	Kozub	D847,701 S	5/2019	Kozub
D786,743 S	5/2017	Smith et al.	D847,702 S	5/2019	Zipfel
D787,988 S	5/2017	Lee	D848,320 S	5/2019	Pinazzo et al.
D789,841 S	6/2017	Malczewski	D848,908 S	5/2019	Krieg
D792,290 S	7/2017	Smith et al.	D850,331 S	6/2019	Lee et al.
D792,813 S	7/2017	Kozub	D850,987 S	6/2019	Yong et al.
D792,814 S	7/2017	Kozub	D851,547 S	6/2019	Mack et al.
D793,290 S	8/2017	Kozub	D851,548 S	6/2019	Mack et al.
D793,917 S	8/2017	Kozub	D851,549 S	6/2019	Mack et al.
D793,918 S	8/2017	Kozub	D851,550 S	6/2019	Mack et al.
D795,757 S	8/2017	Pevovar et al.	D851,551 S	6/2019	Mack et al.
D795,758 S	8/2017	Karras	D851,552 S	6/2019	Mack et al.
D795,759 S	8/2017	Kozub et al.	D852,096 S	6/2019	Kozub
D795,760 S	8/2017	Kozub et al.	D852,099 S	6/2019	Loeb
D795,762 S	8/2017	Lee	D853,903 S	7/2019	Loeb
D795,763 S	8/2017	Kozub	D854,977 S	7/2019	Parkinson et al.
D796,390 S	9/2017	Pevovar et al.	D855,503 S	8/2019	Blanski et al.
D797,614 S	9/2017	Lee	D856,201 S	8/2019	Blanski et al.
D799,384 S	10/2017	Kozub et al.	D857,567 S	8/2019	Blanski et al.
D799,385 S	10/2017	Kozub et al.	D857,568 S	8/2019	Lee et al.
D799,386 S	10/2017	Kozub et al.	D858,373 S	9/2019	Blanski et al.
D802,491 S	11/2017	Mainville	D859,228 S	9/2019	Yong et al.
D803,731 S	11/2017	Zipfel et al.	D859,229 S	9/2019	Karras et al.
D803,732 S	11/2017	Yang	D859,230 S	9/2019	Parkinson et al.
D805,006 S	12/2017	Nakamura	D859,231 S	9/2019	Wilkins et al.
D805,964 S	12/2017	Whitla et al.	D859,232 S	9/2019	Izard et al.
D805,965 S	12/2017	Davis	D859,233 S	9/2019	Izard et al.
D805,966 S	12/2017	Perkins	D863,125 S	10/2019	Whitla et al.
D807,239 S	1/2018	Perkins	D863,126 S	10/2019	Whitla et al.
D807,240 S	1/2018	Perkins	D863,127 S	10/2019	Whitla et al.
D807,241 S	1/2018	Perkins	D863,128 S	10/2019	Whitla et al.
D811,953 S	3/2018	Seol	D863,129 S	10/2019	Zipfel
D811,954 S	3/2018	Park	D863,130 S	10/2019	Thurber et al.
D812,525 S	3/2018	Lee	D863,131 S	10/2019	Thurber et al.
D813,730 S	3/2018	Zipfel et al.	D863,132 S	10/2019	Thurber et al.
D813,731 S	3/2018	McMahan	D863,134 S	10/2019	Thurber et al.
D813,732 S	3/2018	Whitla et al.	D863,135 S	10/2019	O'Donnell et al.
D813,733 S	3/2018	Lee	D863,136 S	10/2019	Blanski et al.
D814,982 S	4/2018	Whitla et al.	D863,137 S	10/2019	Kim et al.
D814,983 S	4/2018	Whitla et al.	D863,138 S	10/2019	Kim et al.
D815,570 S	4/2018	McMahan et al.	D863,140 S	10/2019	Wilkins et al.
D815,993 S	4/2018	Kozub et al.	D863,141 S	10/2019	Zipfel
D815,994 S	4/2018	Nakamura	D864,049 S	10/2019	Luke et al.
D818,884 S	5/2018	Seol	D864,050 S	10/2019	Luke et al.
D818,889 S	5/2018	Yang	D864,051 S	10/2019	Luke et al.
D818,892 S	5/2018	Lee	D864,052 S	10/2019	Zipfel
D818,893 S	5/2018	Kim	D864,053 S	10/2019	Zipfel
D819,505 S	6/2018	McMahan et al.	D866,413 S	11/2019	Luke et al.
D819,506 S	6/2018	Han	D867,939 S	11/2019	Yong et al.
D820,170 S	6/2018	Kozub et al.	D868,639 S	12/2019	Wilkins et al.
D821,272 S	6/2018	Han	D870,001 S	12/2019	Mai
D821,273 S	6/2018	Lee	D873,726 S	1/2020	Zipfel
D823,188 S	7/2018	Loeb	D885,261 S	5/2020	Zipfel
D823,738 S	7/2018	Kim	D892,000 S	8/2020	De Leon
D824,811 S	8/2018	Mainville	D894,059 S	8/2020	Mai
D824,812 S	8/2018	Loeb	D894,801 S	9/2020	Zipfel
D825,403 S	8/2018	Whitla et al.	D902,795 S	11/2020	Schmeckpeper
D827,506 S	9/2018	McMahan et al.	D908,551 S	1/2021	Choi et al.
D827,508 S	9/2018	Whitla et al.	D908,552 S	1/2021	Izard
D827,510 S	9/2018	Kim	D908,554 S	1/2021	Hunwick
D830,241 S	10/2018	Kozub	D908,555 S	1/2021	Hunwick
D830,242 S	10/2018	Zipfel	D918,100 S	5/2021	Izard
D830,918 S	10/2018	Kozub	D918,101 S	5/2021	Gay
D835,012 S	12/2018	Smith et al.	D918,789 S	5/2021	Izard
D836,502 S	12/2018	Koo et al.	D919,490 S	5/2021	Ponomarenko
D836,503 S	12/2018	Koo et al.	D919,491 S	5/2021	Buller et al.
D837,105 S	1/2019	Loeb	D919,492 S	5/2021	Buller et al.
D840,285 S	2/2019	Mack et al.	D919,493 S	5/2021	Theis
D840,286 S	2/2019	Mack et al.	D919,497 S	5/2021	Theis
D841,527 S	2/2019	Kozub et al.	D920,177 S	5/2021	Kumar
D845,184 S	4/2019	Zipfel	D920,178 S	5/2021	Choi et al.
D847,038 S	4/2019	Loeb	D920,179 S	5/2021	Schmeckpeper
D847,041 S	4/2019	Blanski et al.	D920,180 S	5/2021	Ponomarenko
D847,699 S	5/2019	Kozub	D920,181 S	5/2021	Ponomarenko
D847,700 S	5/2019	Kozub	D920,182 S	5/2021	Lee
			D920,183 S	5/2021	Gifford
			D920,184 S	5/2021	Park et al.
			D920,185 S	5/2021	Park
			D920,856 S	6/2021	Choi et al.

(56)

**References Cited**

U.S. PATENT DOCUMENTS

D920,857 S	6/2021	Park	
D924,740 S	7/2021	Zhao et al.	
D924,741 S	7/2021	Hunwick	
D924,742 S	7/2021	Park et al.	
D931,154 S	9/2021	Park Cheng et al.	
D960,774 S *	8/2022	Ruiz .....	D12/163
D965,480 S *	10/2022	Wilkins .....	D12/163
D965,481 S *	10/2022	Ruiz .....	D12/163
D972,983 S *	12/2022	Bjerke .....	D12/163

\* cited by examiner

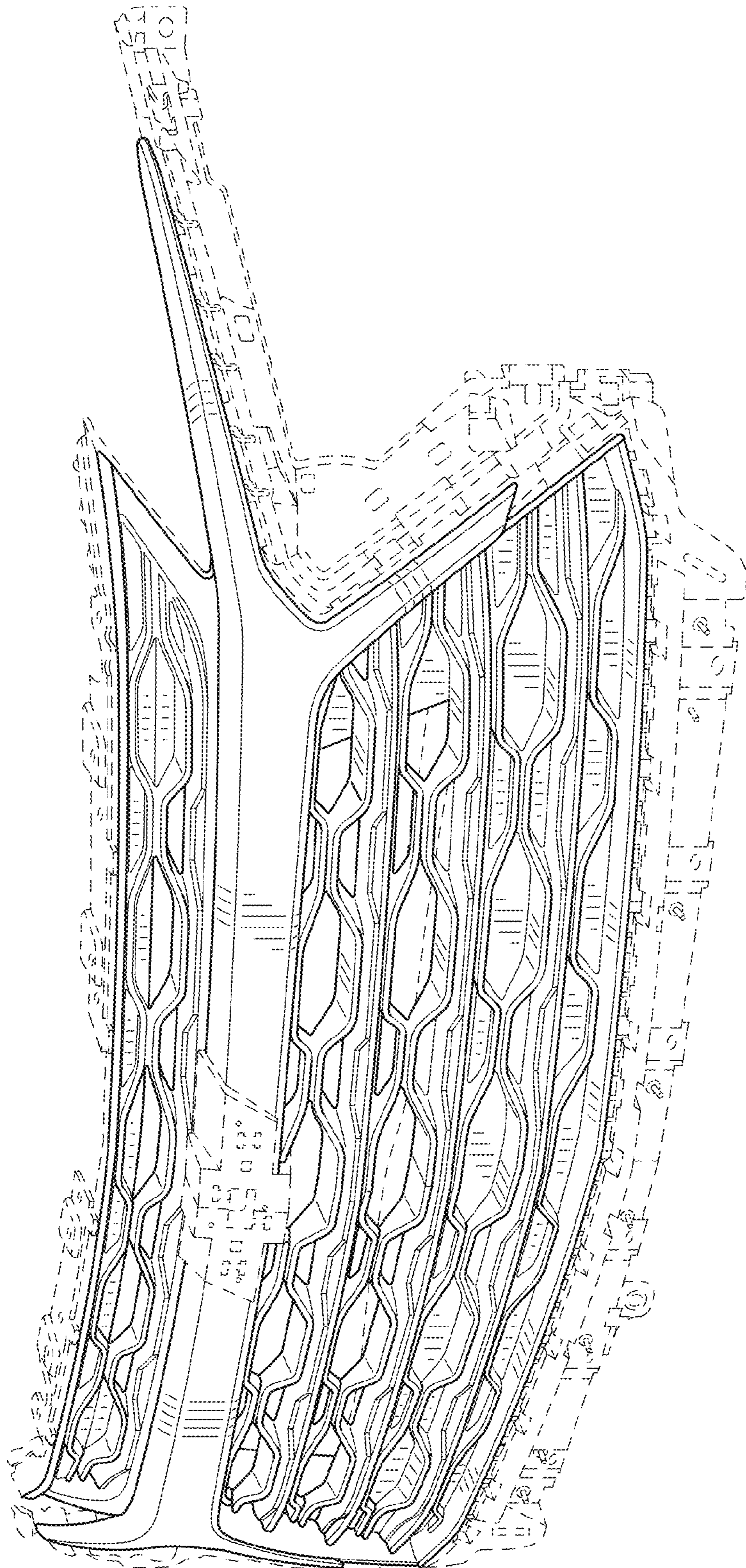


FIG. 1

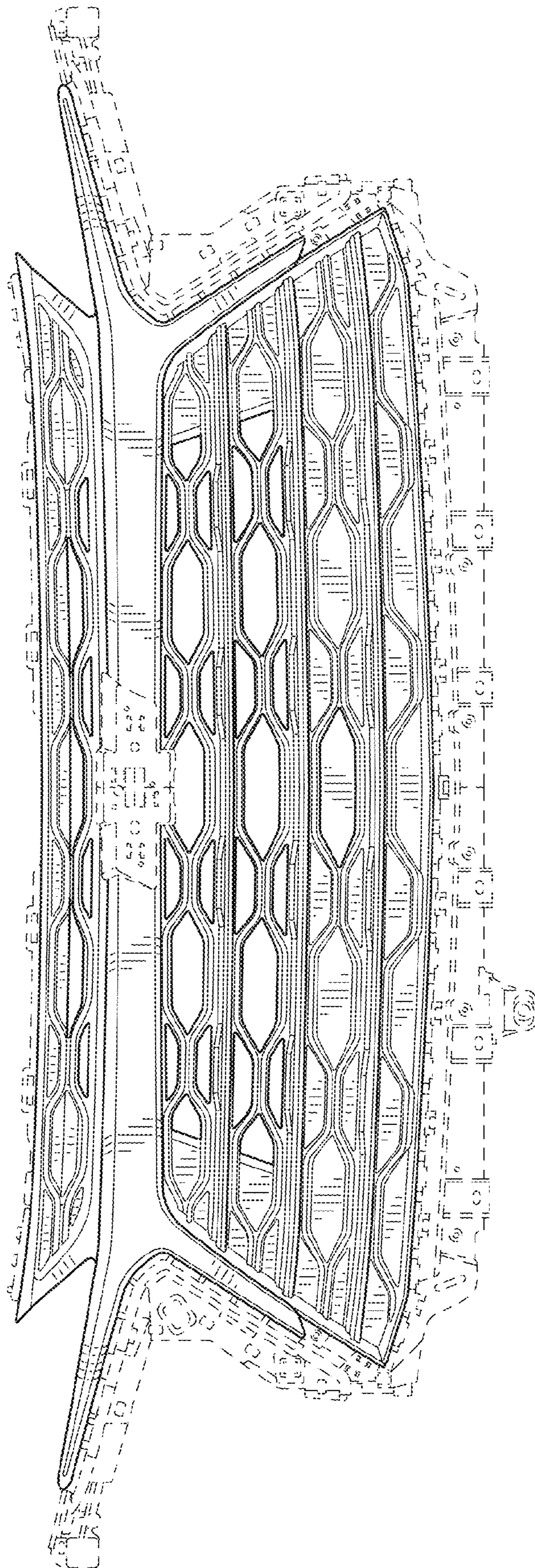


FIG. 2

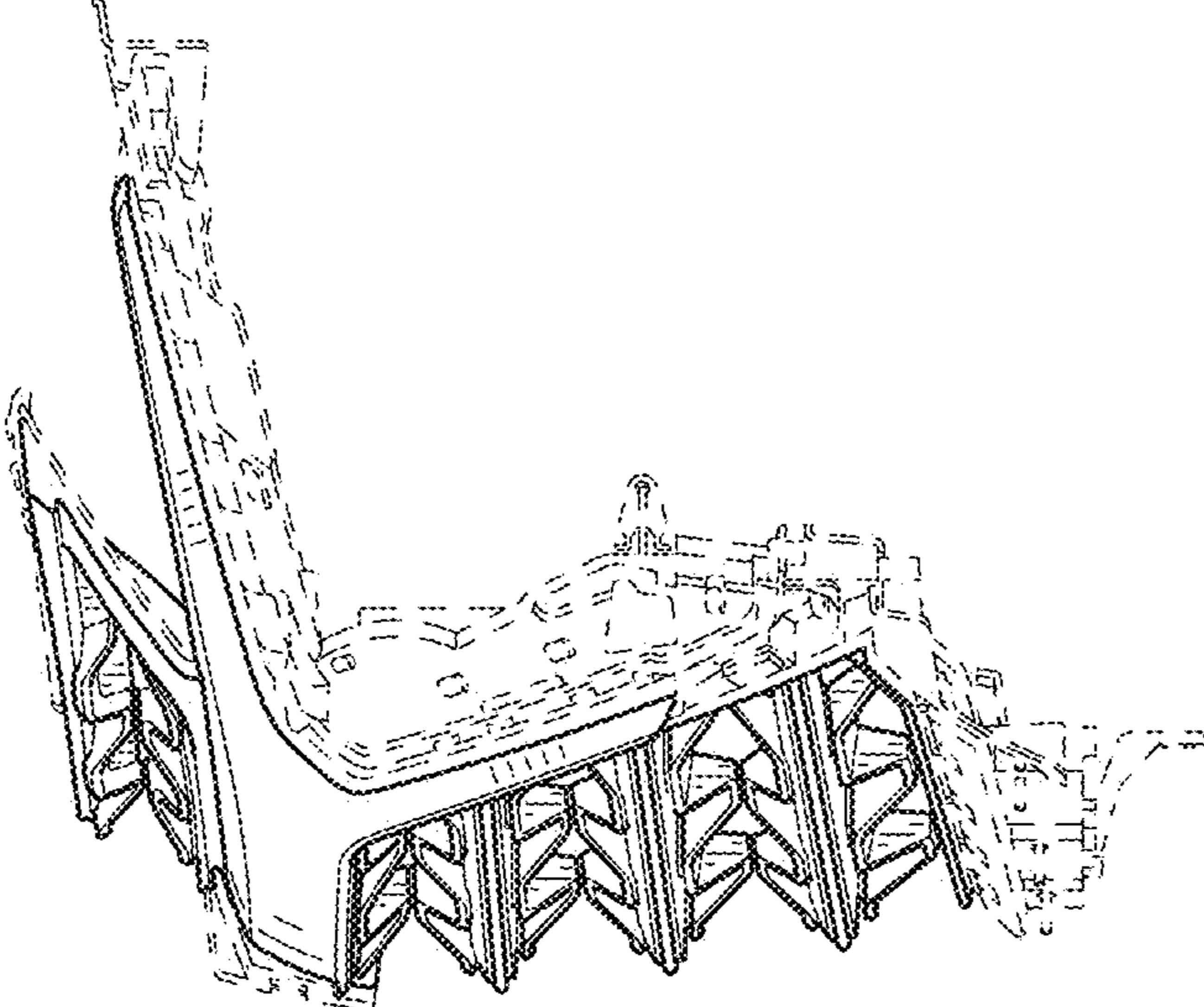


FIG. 3

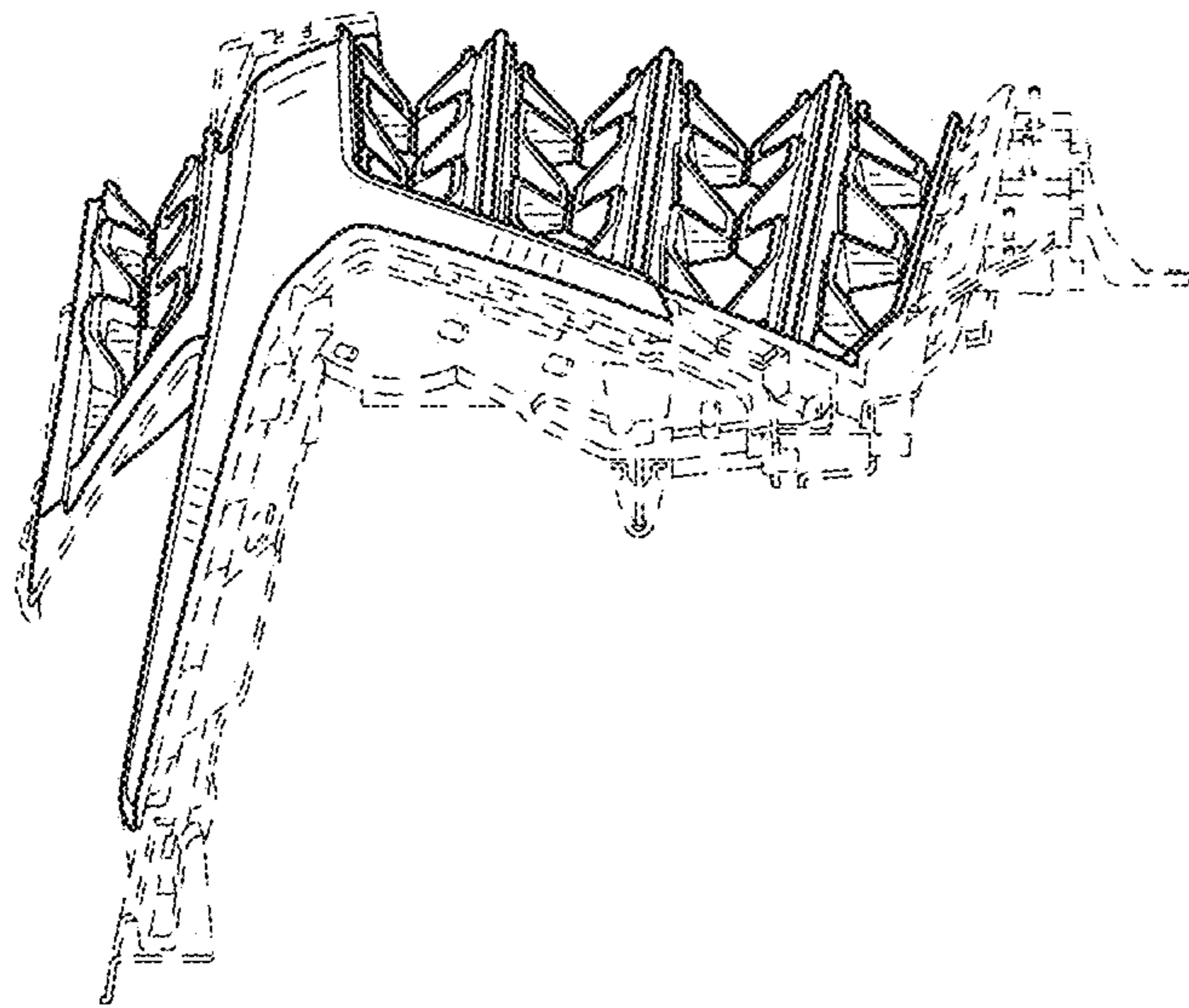


FIG. 4

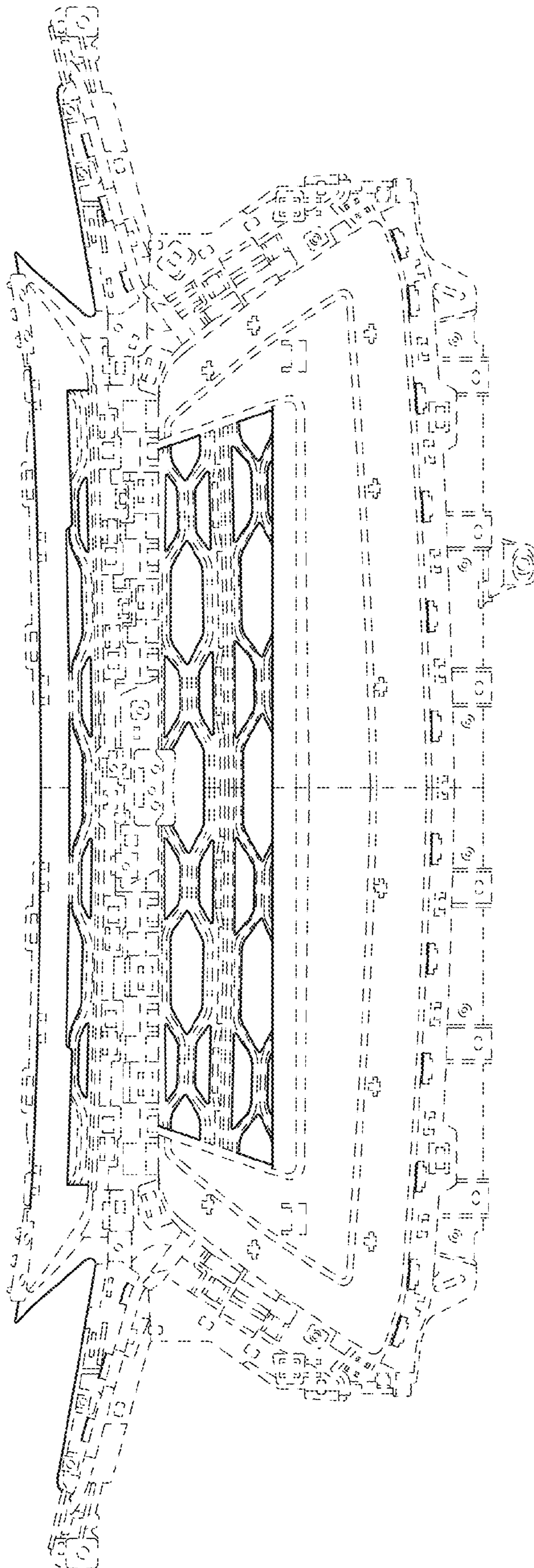


FIG. 5



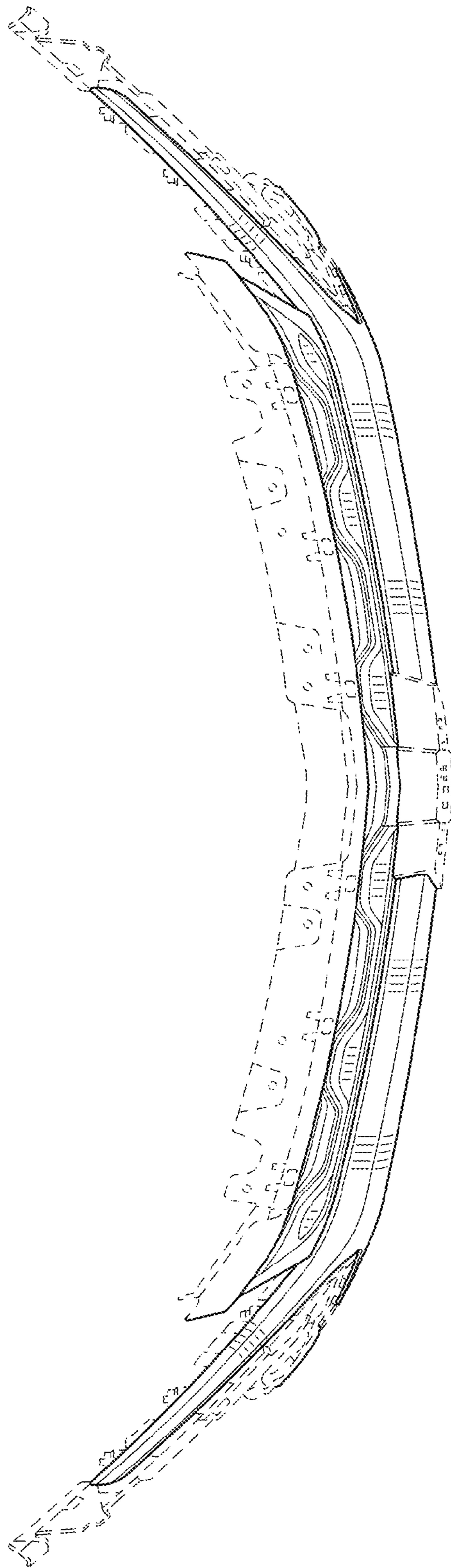


FIG. 6

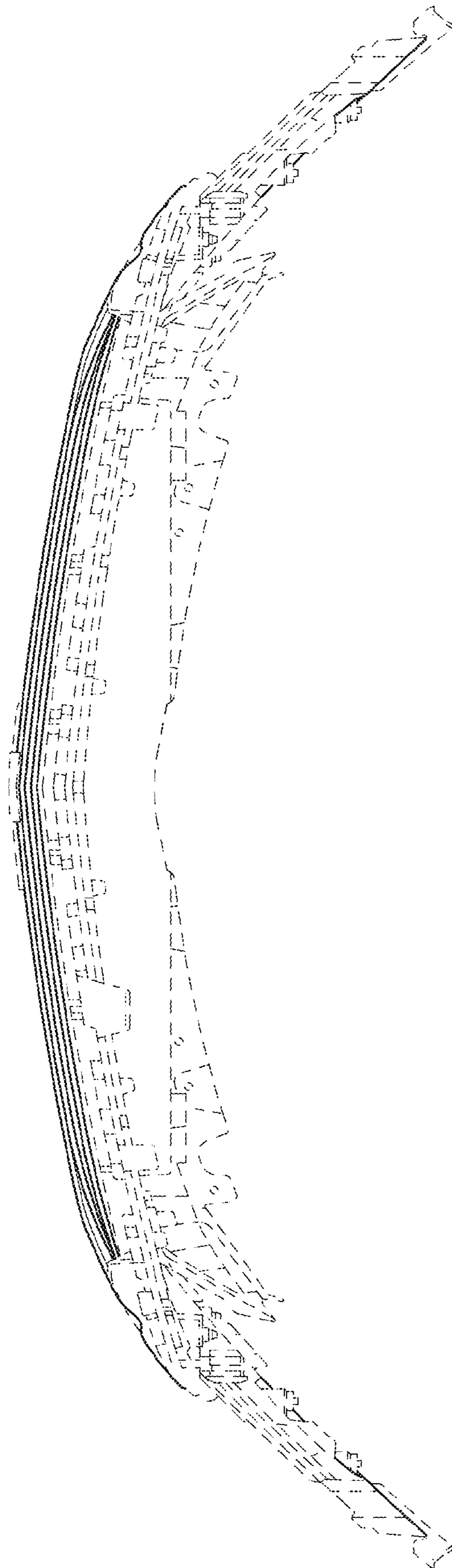


FIG. 7